

<b>CITY OF CEDAR RAPIDS POSITION PROFILE</b>	<b>JOB CODE #/TITLE:</b> AF016 Trf Signl Tech I
<b>POSITION #/TITLE:</b> 0232, 1360 Traffic Signal Technician I	<b>Adopted:</b> 07-97 <b>Revised:</b> 03-16

<b>POSITION DESCRIPTION</b>
-----------------------------

<b>Dept /Division:</b> Public Works/Traffic Engineering	<b>Manager Level:</b> Non-Manager
<b>Salary Plan/Description:</b> AFS/AFSCME	<b>Salary Grade:</b> 30
<b>Reports To Position #/Job Code #/JC Title:</b> 0124/NB025/Assistant Traffic Engineering Manager	<b>Dotted-line Reports To Position #/Job Code #/JC Title:</b>
<b>FLSA Status:</b> Non-Exempt	<b>City Overtime Status (Employee Type):</b> Non-Exempt (Exception Hourly)
<b>Physical Demand Rating:</b> Heavy	<b>Work Environment:</b> Uncontrolled
<b>Pre-employment Testing:</b> Drug and health screening after contingent offer.	<b>Position Testing:</b> Knowledge and skills test
<b>Personal Protective Equipment:</b> Eye, Face, Hand, Head, Reflective Vest, Hearing, Fall Protection	

<b>General Statement of Duties</b>
------------------------------------

Provides labor and technical services in the installation, maintenance and repair of City electronic traffic control devices and mechanisms.

<b>Distinguishing Features of the Class</b>
---

Work is performed under limited supervision singularly or in work crews and independently on specific projects.

<b>Examples of Essential Work (Illustrative Only)</b>
---

Advises superiors on system malfunctions and maintenance needs;  
 Rewires new, existing and/or modified control facilities; repairs streetlight facilities as directed;  
 Installs and maintains detectors; installs, assembles and wires signal indications;  
 Installs and repairs emergency lighting controls and wiring; rebuilds control equipment in field and shop;  
 Troubleshoots malfunctions in control locations; makes field repairs to equipment and components;  
 Works aloft from bucket or ladder and in underground vaults;  
 Installs and repairs all electrical, electro-mechanical, solid state and electronic control equipment;  
 Installs overhead signs; performs rough carpentry tasks;  
 Builds, replaces and maintains test equipment as necessary; builds new control equipment as required;  
 Establishes and maintains maintenance records;  
 Upon demonstration of acceptable quality of independent work, or as needed for crew response, performs emergency maintenance and repairs to traffic signal equipment;  
 Performs all work duties and activities in accordance with City policies, procedures and safety practices;  
 Attends work regularly at the designated place and time;  
 Supports continuous process improvement initiatives;  
 Performs related work as required.

### **Required Knowledge and Abilities**

Knowledge of methods and techniques of traffic control signals, installation and repair;  
Necessary knowledge of the Manual on Uniform Traffic Control Devices;  
Developed skills in methods and techniques of specified traffic signal activities;  
Ability to operate the following equipment and tools: electrical and electronic testing devices, locators, computers, mechanical hand tools, trencher, concrete saw, aerial lift and pole-setting trucks and related tools and equipment used in the installation and maintenance of traffic signals and streetlights;  
Ability to work cooperatively and to maintain effective working relationships to accomplish job responsibilities;  
Ability to quickly learn and put to use new skills and knowledge brought about by rapidly changing information and/or technology;  
Ingenuity and inventiveness in the performance of assigned tasks;  
Communication skills for necessary customer service and documentation tasks.

### **Acceptable Experience and Training**

Graduation from High School or GED; and  
Minimum of one year experience in electrical, electro-mechanical, electronic and computer equipment installation and maintenance, vocational school-level training, supplemented by mechanical and electrical trade course or any equivalent combination of experience and training; or  
Any equivalent combination of experience and training which provides the knowledge and abilities necessary to perform the work.

### **Required Special Qualifications**

Valid Iowa Commercial Driver's License (Class B) with appropriate endorsements and valid Medical Examiners Certificate.  
International Municipal Signal Association (IMSA) certification for Work Zone Safety and Traffic Signal Technician Level 1 within one year, or as directed.

### **Essential Physical Abilities**

Requires the following with or without reasonable accommodation:  
Sufficient clarity of speech and hearing which permits the employee to communicate effectively.  
Sufficient vision, manual dexterity, fitness and personal mobility that permits the employee to operate the necessary equipment and tools.